Independent Expert Program Review (IEPR)

February 2006

Brief Outline

- Background
- Objectives
- Process
- Areas of Investigation
- Team’s Ground Rules
- Cost
- What We Hope to Accomplish

Background

- Oct 98: Tri-service Assessment Initiative (TAI) founded by OSD to address software acquisition issues
  - Army selected as Executive Agent
- May 00: Defense Science Board recommends independent assessments for all ACAT I-III programs
- Jun 01: Independent Expert Program Reviews incorporated into DoD 5000.2-R
  - ACAT IC/ID programs shall conduct an IEPR between MS B and CDR
- Apr 04: OSD re-directed Systems engineering efforts toward Defense Acquisition Program Support (DAPS) and transferred TAI to DCMA for execution
- Present: ASN (RDA) continues to perform IEPRs for Navy PM's using TAI process

IEPR Objectives

- Provide Assistance to Program Managers
  - Identify specific program risks
  - Provide PMs with actionable recommendations
- Use the Total DoD Capability (expertise and tools)
  - IEPR Teams leverage DoD, FFRDCs, academia, agencies, industry resources
- Analyze Systemic Issues that Plague Projects Across Navy
  - Make recommendations to acquisition leadership to improve Navy acquisition as a whole

Typical Assessment Process

- Initiate & Plan Assessment
  - Meet with PM, establish scope and initial issue areas
  - Collect program information
  - Assign appropriate team
- Conduct Assessment
  - Team meeting to review program information, strategy
  - Team visits (Prime Contractor, Program Office, Other)
- Integrate and Report Results
  - Analyze issues
  - Generate recommendations and report
  - Provide IEPR Program Assessment consistent with RDA Reporting (e.g. Dashboard)
  - Review with Program Office
  - Finalize report
- Solicit customer feedback

Assessment Team Groundrules

- Overall objective - contribute to program success
- Non-Disclosure - confidentiality
- Adherence to the defined Assessment Process
  - Prepare questionnaires if necessary
- Non-attribution interviews
- Open and objective communication
- Multiple perspectives
- Consensus based recommendations

Assessment Issue Areas

- **Environment** - *Regulatory, Workplace, Political*
- **Mission Requirements** - *Stability, Dependencies*
- **Financial** - *Funding, Budget*
- **Resources** - *Personnel, Facilities, Tools, Products*
- **Management** - *Acquisition Strategy, Project Planning, Contracting/Subcontracting*
- **Technical Process** - *Capability, Conformance, Enhancement*
- **Technical Product** - *Product Line, Quality, Safety*
- **Schedule** - *Progress, Dependencies*
- **User / Customer** - *Satisfaction, Training*
- **Project / Team Specific** - *Project/Team Defined*

Cost

- IEPR are conducted on a reimbursable basis
  - DASN ACQ personnel travel costs only
  - Government Team Members
    - DBOF activities on a Reimbursable Basis
    - Other activity members for Travel only
  - Contractor/Consultant SME's on a full Basis
- DASN ACQ will coordinate all required contracting actions
- Reimbursable funds provided to DASN ACQ via MIPR

What We Accomplish for a Program

- Identify and Prioritize Program Issues:
  - Use experience and expertise of the team members
  - Build on knowledge gained from other IEPR assessments
- Investigate and Evaluate Identified Issues:
  - Discussions, Document Reviews, and Analysis
  - Capitalize on different perspectives gained
  - Cause and Effect, and Issue Inter-relationships
- Deliver a comprehensive Assessment Report/Outbrief:
  - Strengths
  - Prioritized issues and associated risks
  - Actionable recommendations and follow up activities
  - Overall Assessment consistent with RDA reporting

Provide PM the Knowledge to be Successful